



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: Ana Martinez, et al.

Docket Number: 123857.00002

Serial No.: 10/695,304

Art Unit: 3661

Filed: October 28, 2003

Examiner: unknown

For: TWO ANTENNA, TWO PASS INTERFEROMETRIC SYNTHETIC APERTURE RADAR

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

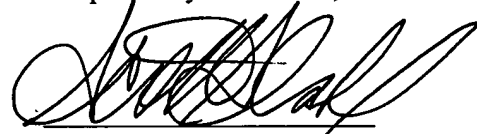
Dear Sir:

Herewith is Form PTO-1449 together with one copy of each document listed thereon. Please note also any item(s) designated below:

\_\_\_ The fee set forth in 37 CFR 1.17(p) \_\_\_ is enclosed \_\_\_ may be charged to  
Deposit Account Number 50-1752.

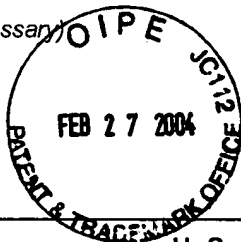
\_\_\_ Each document listed on enclosed Form PTO-1449 was first cited in any  
communication from a foreign patent office in a counterpart foreign application  
not more than three months prior to the filing of this correspondence.

Respectfully submitted,

  
\_\_\_\_\_  
Scott B. Stahl  
Reg. No. 33,795

Jackson Walker L.L.P.  
2435 N. Central Expressway, Suite 600  
Richardson, Texas 75080  
972-744-2933

Form PTO-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 123857.00002	SERIAL NO. 10/695,304
<b>INFORMATION DISCLOSURE CITATION</b>  <i>(Use several sheets if necessary)</i>		APPLICANT Ana Martinez, et al.	EXAMINER Not Assigned
		FILING DATE October 28, 2003	GROUP 3661



## U. S. PATENT DOCUMENTS

Examiner INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A1	5,463,397	10/31/95	Frankot	342	25	
	A2	5,677,693	10/14/97	Frankot et al.	342	25	

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO

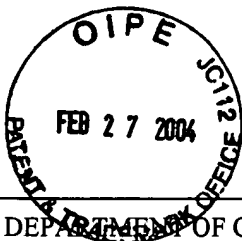
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	B1	Qian Lin et al., "Topography Estimation with Interferometric Synthetic Aperture Radar Using Fringe Detection", 1991 IEEE, 4 pgs.
	B2	W.W. Bonitant, Jr. et al., "Interferometric Height Estimation of the Seafloor Via Synthetic Aperture Sonar in the Presence of Motion Errors", IEEE Proc.-Radar, Sonar Navig., vol. 147, No. 6, December 2000, pgs. 322-330.
	B3	P. Piau, "Performances of the 3D-SAR Imagery", 1994 IEEE, 5 pgs.
	B4	Johan Jacob Mohr et al., "Parametric Estimation of Time Varying Baselines in Airborne Interferometric SAR", 1996 IEEE, 3 pgs.
	B5	David A. Yocky et al., "Repeat-Pass Dual-Antenna Synthetic Aperture Radar Interferometric Change Detection Post-Processing", 1997, Sandia National Laboratories SAND97-1198J, 13 pgs.

EXAMINER	DATE CONSIDERED
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**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 2

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							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	B6	Robert Treuhaft et al., "Estimating Vegetation and Surface Topographic Parameters from Multibaseline Radar Interferometry", 1996 IEEE, 3 pgs.
	B7	Søren N. Madsen et al., "Topographic Mapping Using Radar Interferometry: Processing Techniques", IEEE Transactions on Geoscience and Remote Sensing, Vol. 31, No. 1, January 1993, pgs. 246-256.
	B8	Dennis C. Ghiglia et al., "Interferometric Synthetic Aperture Radar Terrain Elevation Mapping from Multiple Observations", 1994, Sandia National Laboratories SAND94-0624C, 4 pgs.
	B9	Vincent Mrstik, "Terrain Height Measurement Accuracy of Interferometric Synthetic Aperture Radars, IEEE Transactions on Geoscience and Remote Sensing, Vol. 34, No. 1, January 1996, pgs. 219-228.
	B10	Richard E. Carande, "Estimating Ocean Coherence Time Using Dual-Baseline Interferometric Synthetic Aperture Radar", IEEE Transactions on Geoscience and Remote Sensing, Vol. 32, No. 4, July 1994, pgs. 846-854.

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